Proposed NELAC Chapter 5 Quality Systems Integrated with ISO 17025 Standard: Explanation of Documents

There are 3 documents associated with the proposed chapter:
- Proposed NELAC Chapter 5/ISO 17025 Revision (17025w/NELAC_final.rtf)
- Annotated version of proposed Chapter 5/ISO 17025 revision (17025w/NELAC_annotated.rtf)
- Cross-reference table between NELAC Revision 15 and Proposed Chapter 5/ISO 17025 Revision (Cross Reference Chapter 5 revised.pdf)

Proposed NELAC Chapter 5/ISO 17025 Revision
- NELAC Quality Systems Chapter 5 was revised to follow the ISO/IEC 17025 (1999) international standard, both in format and content.
- Citations follow each paragraph indicating whether the language came from ISO 17025 (noted as **17025:section number**) or NELAC Chapter 5 revision 15 (dated May 25, 2001) (noted as **NELAC: section number**)
- The section numbering and headings come from ISO 17025 (except where NELAC sections were added to the end of ISO 17025 sections)
- All ISO 17025 language is included in the chapter and all NELAC Chapter 5 <u>requirements</u> are included. Where ISO 17025 and NELAC requirements are identical, ISO 17025 language is used.
- <u>Double-underlined text</u> indicates a change to NELAC requirements. This is most often ISO 17025 text that does not have corresponding NELAC language, but may also be minor changes to NELAC (such as "quality assurance officer" to "quality manager") to make the chapter consistent throughout.
- <u>Single-underlined and shadow text</u> and text marked with strikethrough (~~text~~) indicates minor changes to the ISO 17025 text for consistency with NELAC requirements. Many of these are global changes such as "International Standard" to "Standard," "testing and calibration" to "environmental testing and calibration," and "test and/or calibration items" to "samples."
- References from Annex B of ISO 17025 were added to Appendix A of Chapter 5.
- The other Chapter 5 appendices were not changed except to update references to the main chapter (i.e., "see Section 5.9.4" changed to "see Section 5.5.5.2").

Annotated version of proposed Chapter 5/ISO 17025 revision
- The annotated version contains all the same text as the proposed revision, including the same highlighting of addition requirements and modified text.
- In places where ISO 17025 language was used in place of NELAC Chapter 5 language, the NELAC text appears directly below the ISO 17025 text, marked as strikethrough text. This version, therefore, contains all the NELAC Chapter 5 text from the May 2001 revision, in some form or another.
- The May 2001 revision of NELAC used ISO Guide 25 as the point of departure. This Guide 25 text is highlighted in *italic font* and a citation is included along with the NELAC citation (noted as **25: section number**).

Cross Reference Table
- The table can be used to locate a specific NELAC Chapter 5 section (May 2001 revision 15) in the proposed Chapter 5/ISO 17025 revision.
- The table is sorted by the NELAC Chapter 5 revision 15 section numbers. The corresponding section numbers from the proposed Chapter 5/ISO 17025 revision are listed in the right hand column.
- The section numbers from the proposed revision may either reference exact NELAC text or where NELAC text was superceded by ISO 17025 text because the requirements were the same.